

CZECHOSLOVAKIA/Analytic Chemistry. Analysis of Inorganic Substances.

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Abs Jour: Ref Zhur-Khim., No 23, 1958, 77180.

were determined gravimetrically, colorimetrically, spectro-photometrically and radiometrically. A method similar to the method of K determination was developed for the gravimetric determination of Cs. 13.1 to 123.1 mg of the sample in the form of CsCl is dissolved in 20 ml of water, heated to 60 or 70°, a 100%-vol excess of 3%-vol solution of I in 1 n. Li₂CO₃ solution is added while stirring, and the mixture is cooled 3 to 5 hours to 0 - 1°. The precipitate is filtered off using a glass filter S3, washed with little amounts of water-free and cooled ether (10 ml in total), dried 2 hours at 85 to 90°, and weighed. The composition of the precipitate is expressed by the ratio I : Cs = 1 : 1.

Card : 2/5

CZECHOSLOVAKIA/Analytic Chemistry. Analysis of Inorganic Substances.
APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000824220013-9"

Abs Jour: Ref Zhur-Khim., No 23, 1958, 77180.

The determination error is below 1%. 2 to 3% of K, Rb and Cs or 200% of NH₄⁺ can be detected by the drop method on paper soaked in a solution of Li salt of I after developing the spots with 0.1 n. HNO₃ solution. Rb produces a crimson-red spot, which is well discernible from the orange-red spots of Cs and K. The solubility (in g per liter) of I and its salts is as follows: in water at 0 to 50° - of the Cs salt of I = 0.0425 to 0.595, of the Rb salt of I = 0.092 to 1.06, of the K salt of I = 0.192 to 2.20, of the NH₄ salt of I = 0.55 to 7.50, of I at 20° = 0.0027; in ether at 20° - the solubility of Cs, Rb and K salts of I is less than 0.001, that of NH₄ salt

Card : 3/5

44

Card : 4/5

KONECNY, C.; KOURIM, V.; KRTIL, J.

"Reaction of 2, 2',4,4',6,6'-hexanitrodiphenylamine (Dipicrylamine) with Cs,
Rb, K, and NH₄." In German. p. 1474.

COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, Praha, Czech.,
Vol. 24, No. 5, May 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 6, Sept. 59
Unclassified

KOLARIK, Z.; KONECNY, C.

Reaction of ruthenium with dithiocoxamide. Coll Cz Chem 25 no.7:
1775-1779 Jl '60. (EEAI 10:9)

1. Institut fur Kernforschung, Tschechoslowakische Akademie der
Wissenschaften, Prag.

(Ruthenium) (Dithiocoxamide)

KONECNY, C.

CSIR

Institute for Atomic Research, Czechoslovak Academy of Sciences, Rez nr. Prague
Prague, Collection of Czechoslovak Chemical Communications, No 2, 1963,
pp 340-348

"Influence of Desalination Means on the Separation of Ruthenium by Naphtholes
in Potassium Nitrate Solutions"

KONECNY, C:

Ruthenium reaction with some phenol and naphthol derivatives.
Coll Cs Chem 27 no.11:2596-2604 N '62.

1: Institut fur Kernforschung, Tschechoslovakische Akademie der
Wissenschaften, Rez bei Prag.

KONEČNÝ, C.

Czechoslovakia

Institute for Nuclear Research, Czechoslovak Academy
of Sciences -- Řež near Prague

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 11, 1962, pp 2596-2603

"Reactions of Ruthenium with Certain Phenol and
Naphthol Derivates."

KONECNY, C.

Precipitation of ruthenium from nitric acid solutions by means
of naphtols. Coll Cs Chem 27 no.12:2878-2885 D '62,

1. Institut fur Kernforschung, Tschechoslowakische Akademie der
Wissenschaften, Rez bei Prag.

KONECNY, C.

Influence of the salt separation agents in the ruthenium
separation from nitric acid solutions by naphtols.
Coll Cz Chem 28 no.2:340-348 F '63.

1. Institut fur Kernforschung, Tschechoslowakische
Akademie der Wissenschaften, Rez bei Prag.

KONECNY, Ctirad

Spectrophotometric examination of the ternary systems of
ruthenium (III) -citrate-nitrosonaphthol. Jaderna energie
9 no.11:357 '63.

1. Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved,
Rez u Prahy.

KONECNY, Ctirad

Extraction of ruthenium by naphthols from fission product mixtures. Jaderna energie 9 no.10:328 0 '63.

1. Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved, Rez u Prahy.

KONECNY, Ctirad

Chelates of nitrosoruthenium ions with nitrosonaphthols.
Jaderna energie 10 no. 5:173-174 My '64.

1. Institute of Nuclear Research, Czechoslovak Academy of Sciences, Rez.

KIRS, M.; KONECNY, Ctirad; KALECOVA, L.
APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000824220013-9

Institute of Nuclear Research, Czechoslovak Academy of Sciences,
Rez near Prague - (for all)

Prague, Collection of Czechoslovak Chemical Communications,
No 1, January 1964, pp 34-42

"Modification of the Debye-Hückel relationship for the case
of coprecipitation by adding isomorphous anorecompounds in the
system barium sulfate - $90\% \text{Ba}_2\text{SO}_4$."

L 11007-66

ACC NR: AP6004730

SOURCE CODE: GE/0065/65/228/03-/0251/0258

AUTHOR: Konecny, Ctirad (Doctor)

ORG: Nuclear Research Institute, Czechoslovakian Academy of Sciences

TITLE: Studies on complex formation by solvent extraction method. Part 1: Some
numerical-graphical methods for determination of association constants of

22
B

L 18486-66 EWP(t)/EWA(h) JD

ACC NR: AP6010242

SOURCE CODE: CZ/0038/65/000/005/0181/0181

AUTHOR: Kyrs, Miroslav; Konecny, Ctirad; Kadlecova, Libena

17

ORG: Institute for Nuclear Research, CSAV, Rez (Ustav jaderneho vyzkumu CSAV)

B

TITLE: Modification of the Doerner-Hoskins formula for coprecipitation using an isomorphous macrocomponent as precipitant

SOURCE: Jaderna energie, no. 5, 1965, 181

TOPIC TAGS: strontium, sulfate, chemical precipitation

ABSTRACT: When a solution contains the microcomponent Sr^{++} and oppositely charged ions $(\text{II}) \text{SO}_4^2-$ a modified formula of Doerner-Hoskins should be used. An equation applying under such conditions is suggested. It was verified by precipitating 10^{-6} M Sr^{90} with BaSO_4 . [JPRS]

SUB CODE: 16 / SUBM DATE: none

Card 1/1

UDC: 546.42: 66.065

10(0)

PHASE I BOOK EXPLOITATION

CZECH/3461

Konečný, Dušan, Engineer, Doctor

Theoretické základy aerodynamiky vysokých rychlosťí, 1. díl (Theoretical Fundamentals of High-Speed Aerodynamics, Pt. 1) Prague, Naše vojsko, 1955. 354 p. (Series: Knihnice letecké, sv. 14) 2,200 copies printed.

Ed.: Karel Zelený.

PURPOSE: This textbook is intended for students of aerodynamics at the Antonín Zápotocký Military Technical Academy. It will be of interest to students of fluid mechanics at schools of higher education and to scientists and engineers engaged in the aircraft industry.

COVERAGE: This textbook covers the principles of high-speed aerodynamics with special emphasis on fundamental relations, equations, and laws dealing with the motion (flow) of ideal compressible fluids. The problems and theory of supersonic two-and three-dimensional flow around bodies of revolution and conical flow are discussed. Methods of determining the basic coefficients and

Card 1/25

PHASE I BOOK EXPLOITATION

CZECH/3593

Konečný, Dušan, Engineer, Doctor

Theoretické základy aerodynamiky vysokých rychlostí (Theoretical Fundamentals of High-Speed Aerodynamics) pt. 2. Praha, Nále vojsko, 1956. 206 p. (Series: Knihnice letectví, sv. 15) 2,200 copies printed.

Resp. Ed.: Karel Zelený.

PURPOSE: This book is intended for aircraft designers and specialists in aerodynamics.

COVERAGE: This is the second volume of a two-volume work on the fundamentals of high-speed aerodynamics. This volume deals mainly with problems in supersonic and two-dimensional flow. The Khristianovich, Burag, Karman-Tsien, Zhukovskiy, and Lebedev methods of analysis are explained. Solutions of equations for various types of flow and for the aerodynamic coefficients involved are given. No personalities are given. There are 20 references: 7 Soviet, 3 Czech, 4 German, 4 English, 1 Italian, and 1 French.

Card 1/5

1.5P(m)/SPF(n)-2/EWA(d) Pd-1/Pt-4 $\frac{m}{n}$

Homceny, D.) (Docent, Doctor engineer, Doctor of Science, D.

1970: Discontinuing 1969

Český časopis, no. 3, 1964, 534-535

... slow pressure wave, reflected wave, measure wave, capillary wave, normal liquid:

The purpose of this paper is to work out a definition of the main disturbance with pressure waves and the specification of the intensity of pressure waves, and to discuss the propagation of a wave of intensity I in a medium of density ρ and modulus of elasticity E .

Card 1/2

laminar flow of fluids in the presence of an ultrasound wave
and a shock wave is considered. Due to this
the calculations and the result of calculations are given. Four
characteristic parameters of the same absolute magnitude are
calculated for every flow. The first is the interval
between the wave and the shock wave. The second is the interval
between the shock wave and the normal liquid with a velocity of 1000 m/s
per second.

ASSOCIATION: VAAZ, Brno

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2. $\text{C}_2\text{H}_5\text{OH} / \text{CH}_3\text{COCH}_3$ (2:1) $\text{W} = 1.0$, $\text{R} = 0.75$ (100% TMS)

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4. *medicinal* 84, *medicinal* 802, 0603, 0008

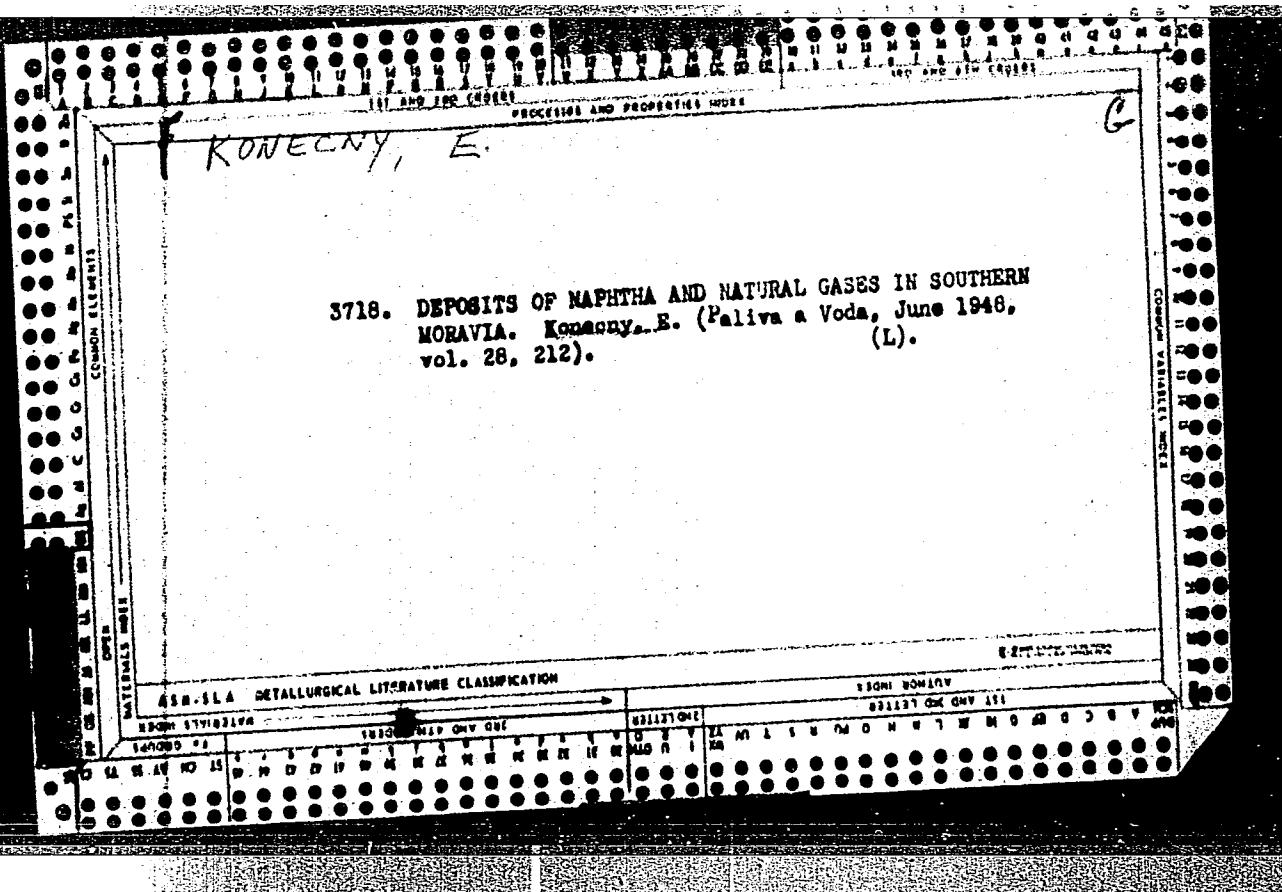
spol. s r.o. Letňany. Výzkumný a zkusební letecký ústav. Zprávodař VZLU, č. 2, 1964,

External [mass] pressure and the internal pressure caused by physical states and changes in the system at various points are

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000824220013-9

KONECNY, Dusan, dop. inz. dr. Dr.Sc.; MAXA, Jiri, inz.

Analysis of the physical nature of liquid plane flow through
cascades. Zpravodaj VZLU 243-8. '64.



KONECNY, E.

The construction of a water power plant on the Moravice River near Kruzberk. p. 337

(Inzenyrske Stavby, Vol. 5, no. 6, June 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

KONECNY, E.

Relation of the quality of products to trade-mark protection. p. 9.

VYNALEZY A NORMALISACE, OCHRANNE ZNAMKY, CHANENE VZORY. (Urad pro vynalezy a normalisaci)
Praha, Czechoslovakia
Vol. 3, no. 3, Mar. 1959.

Monthly list of East European Acessions (EEAI), LC, Vol. 8, no. 7
July 1959
Uncl.

Konecny, Ferdinand

CZECHOSLOVAKIA/Safety Engineering, Sanitation Engineering, L
Sanitation,

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 10712

Author : Konecny, F.

Inst : Not given

Title : Safety Measures to be Observed During Work with Radio-
active Materials

Orig Pub: Bezpecn. a hyg. prace, 1956, Vol 6, No 7, 197-199
(in Czech)

Abstract: The author gives a brief description of the safety regulations which apply to the handling of radioactive materials. The characteristics of the control instruments produced by the Prague Science Research Institute for Safety are described.

Card 1/1

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Application. Safety Engineering. Sanitary Engineering. H-6

APPROVED FOR RELEASE: 06/19/2000 1500 CIA-RDP86-00513R000824220013-9"

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 10712

Author : Konecny Ferdinand.

Inst :

Title : Work with Radioactive Paints.

Orig Pub: Bezpecn. a hyg. prace, 1957, 7, No 8, 231-234.

Abstract: To obviate the possibility of irradiation of the hands of workers who apply radioactive paints (RP) containing Ra, Math, Sr90 to the articles, the jar of RP (not more than 1.5 g of luminous composition per container) must be placed within a 3 mm Pb shield. Work with RP is carried out in a special exhaust enclosure with transparent walls and a slot for the hands (photographs are shown); air velocity 0.5 meter per second. The paint is applied with glass rods and the use

Card : 1/2

KONECNY, F;NINGER, Ye;TOVAREK, J.

Blood manifestations in disseminated lupus erythematosus.
Lek. listy, Brno 7 no.9:221-223 1 May 1952, (CML 22:2)

1. Of the Third Internal Clinic (Acting Head--Prof. J. Pöjer,
M. D.) of Masaryk University, Brno.

KONECNY, Frantisek, M.Dr.

Activities of health centers in the Soviet Union. Cesk.
zdravot. 4 no.4:210-214 Apr 56.

1. Vedouci krajskeho zdravotnickeho odboru v Brne.
(PUBLIC HEALTH,
in Russia, organiz. of centers (Cs))

KONECSNY, F. (Budapest CI., Bertalan Lajos utca 4-6, Ungarn.)

On the convergence of an improprious integral occurring at the investigation of the rotation-symmetric streams. Periodica polytechn eng 5 no.3:223-229 '61.

1. Lehrstuhl fur Stromungslehre, Technische Universitat, Budapest.
Vorgelegt von Prof. Dr. J. Gruber.

(Hydrodynamics)

SVOBODA, Milan, inz.; KONECNY, Frantisek, inz.

Nodes of spatial frame structures. Inz stavby 11 no.1:2-7
Ja '63.

1. Vysoka ucení technické, Brno (for Svoboda).
2. Smeralovy zavody, Vyzkumny ustav, Brno (for Konecny).

KONECNY, Frantisek

Geometrical precision of steel clutch disks. Stroj vyr 12 no.11:
823 '64.

1. Zavody presneho strojirenstvi National Enterprise, Gottwaldov.

KONECNY, FRANTISEK.

Tolerance a pridavky na mechanicke obrabeni. (vyd. 1.) Praha, Prumyslove
vydavatelstvi, 1950. 169 p. (Kniznice kovoprumyslu. Rada A, sv. 10)
(Tolerances and allowances for mechanical metalworking. 1st ed. bibl.,
diags., tables)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 12
December 1956

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000824220013-9

KONECNY, F.

"Translation of Angular Tolerance into Linear Ones." p. 258, Praha, Vol. 2, no. 6, June 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000824220013-9"

KONECNY, F. - Strojirenstvi - Vol. 5, no. 2, Feb. 1955.

How to mark deviations from the geometric form of parts and the reciprocal position of its points determined in the production draft. p. 127.

SO: Monthly list of East European Accessions, (EHAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

KONECNY, F.

Analogy between water flow with a free surface and a two-dimensional flow of compressible matter. p. 3.

STROJNICKY CASOPIS. (Slovenska akademia vied) Bratislava, Czechoslovakia.
Vol. 6, no. 1, 1955.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11,
November 1959.

Uncl.

KOMECHY, F.

Determining deviations of axles and holes by the International Standards Association. (Supplement) P. IV/3. (STROJIRENSTVI, Vol. 6, No. 12, Dec 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

KONECNY, F.

Splined shafts and hubs.

P. 925. (STROJIRENSTVI) (Praha, Czechoslovakia) Vol. 7, no. 12, Dec. 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

KONECNY, F.

Working allowances and limit deviations of freely forged forgings. p. 394

STROJIRENSKA VYROBA. (Ministerstvo tezkeho strojirenstvi, Ministerstvo presneho
strojirenstvi a Ministerstvo automobiloveho prumyslu a zemedelskych strojů)
Praha, Czechoslovakia. Vol. 7, no. 9, Sept. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 12, Dec. 1959
Uncl.

KONECNY, F.

"Control of drawings and technical documentation from the point of
view of standardization." p. 228.

STROJIRENSTVI. (Ministerstvo tezkeho strojirenstvi, Ministerstvo
presneho strojirenstvi a Ministerstvo automobiloveho prumyslu a
zemedelskych strojů). Praha, Czechoslovakia, Vol. 9, No. 3, Mar. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncl.

KONECNY, F.

"A translation from Aurel Stodola's work." p. 125.

STROJNICKY CASOPIS. (Slovenska akademia vied). Bratislava, Czechoslovakia,
Vol. 10, No. 2, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Unclu.

KONECNY, Frantisek

Run-out deviation of the bearing surface of KM nuts. Stroj
vyr 11 no.1:44 '63.

1. Zavody presneho strojirenstvi, Gottwaldov.

KONECNY, Frantisek

Dimension tolerances and position deviations of bearing
bushes. Stroj vyr 10 no.10:518 0 '62.

1. Zavody presneho strojirenstvi Gottwaldov, n.p.,
Gottwaldov.

KONECNY, Frantisek

Devices for individual protection against noise. Energetika Cz 12
no.ll:585-586 N '62.

1. Vyzkumny ustav bezpecnosti prace, Revoluclni odborove hnuti, Praha.

KONECNY, Frantisek

Dimensioning and tolerances of splined parts. Strojirenstvi
13 no.4:191-194 '63.

1. Zavody presneho strojirenstvi, n.p., Gottwaldov.

KONECNY, Frantisek

Limit diameters of bearing bush holes. Stroj vyr 12
no.1:48-50 Ja'64.

1. Zavody presneho strojirenstvi, n.p., Gottwaldov.

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CIA-RDP86-00513R000824220013-9

KONECNY, F.

Dimension tolerances. Stroj vyr 12 no. 2:118-119 164.

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CIA-RDP86-00513R000824220013-9"

KONECNY, Frantisek

Tolerance of the threaded and cylindrical surfaces of a part.
Stroj vyr 12 no.4:27? Ap'64.

KONECNY, F. (Gottwaldov)

Dimensions and tolerances of helical springs. Strojirenstvi 1/ no.11: 852-857 N '64.

Konecny, I.

4

JOURNAL ARTICLE

Source: Engineers' Digest, December, 1955, Vol 16, No. 12, pp 573-574. EL

Author: I. Konecny and V. Rakusan

Title: Measurement of Inductance and Electromagnetic Energy in the Primary Circuit of an Ignition Coil

(Original Source: From Elektrotechnicky Obzor, Vol 44, No. 7, 1955, pp 375-380.)

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1

KONECNY, I.; DRAHNY, M.

Investigating conditions in the battery ignition circuit. p. 587.

ELEKTROTECHNICKY OBZOR. (Minsterstvo tezkeho strojirenstvi a Ceskoslovenske vedecka technicka spolecnost pro elek trotechniku pri Ceskoslovenske akademii ved) Praha, Czechoslovakia. Vol. 48, no. 11, Nov. 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960

Uncl.

POHORSKY, J.; VACHEK, J.; KONECNY, J.

Stability of drugs. II. Simultaneous reactions. Cesk. farm.
12 no. 10:532-536 D'63.

1. Vyskumny ustav farmacie i biochemie, Praha.

KONECNY, J.

Treatment of the pigmentary degeneration of the retina with amido-nicotinic acid. Cesk.ofth. 7 no.1:42-47 1951. (CIML 20:7)

1. Of the Eye Department of the State Regional Hospital in Gottwald-Zlin (Head--Th. Vlcek, M.D.).

KONECNY, J.

Diagnostic difficulties in the evaluation of changes of the fundus
oculi in early stages of hypertension. Cesk. oft. 16 no.1:65-69
Ja '60

1. Ocne oddelenie OUNZ Skalica, prednosta MUDr. Jan Konecny.
(HYPERTENSION, diag.)
(FUNDUS OCULI diag.)

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CIA-RDP86-00513R000824220013-9"

KONECNY, J.

"Electric installations in panel houses of the G 40, G 55, and G 58 types." p. 319

POZEMNI STAVBY. Praha, Czechoslovakia, Vol. 7, No. 6, March, 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959
Unclassified

CZECHOSLOVAKIA

J. KONECNY, J. POHORSKY and J. VACHEK, Pharmacy and Biochemistry Research Institute (Vyzkumnny ustav pro farmacie a biochemii,) Prague.

"Drug Stability. Part 1. Stability of Drug Solutions from the Standpoint of Reaction Kinetics."

Prague, Ceskoslovenska Farmacie, Vol 12, No 4, May 63; pp 204-209.

Abstract : Essentially mathematical, didactic essay reviewing principles of study of stability and decomposition constants of solutes: kinetics, reactions of first, second and higher orders; parameters involved, factors and methods of determining influence of such. Eight graphs, many mathematical formulae; 5 Western and 1 Czech reference.

1/1

VACHEK, J.; POHORSKY, J.; KONECNY, J.

Stability of drugs. III. Homogenous catalysis in drug solutions. Cesk. farm. 13 no.1:14-23 Ja'64.

1. Vyzkumny ustav pro farmacii a biochemii, Praha.

*

KONECNY, J.; POHORSKY, J.; VACHEK, J.

Stability of drugs. I. Stability of drug solutions from the
viewpoint of reaction kinetics. Cesk. farm. 12 no.4:204-209
My '63.

1. Vyzkumny ustav pro farmacii a biochemii, Praha. -
(CHEMISTRY, PHARMACEUTICAL) (SOLUTIONS)

KONECNY, Jaroslav

Large-diameter boring. Geol pruzkum 6 no. 6:3 of cover Je '64.

KONECNY, Jaroslav, ins.

Large diameter boring. Geol pruzkum 6 no. 8:225-227 A5 '64

1. Uhelny pruzkum National Enterprise, Ostrava.

KONECNY, Jaroslav, inz.

Czechoslovak experiences with the universal double core barrel.
Geol pruzkum 6 no.11:328-330 N '64.

1. Uhelný pruzkum National Enterprise, Ostrava.

KONECNY, K.

"Mechanical and Physical Properties of Keratin Plastic Materials." p. 838 (STROJIRENSTVI, Vol. 3, No. 11, Nov. 1953) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

HORVATH, P.; JUNA, J.; KONECNY, K.

Slow-fast coincidence system for a fast neutron time-of-flight spectrometer. Chekhosl fiz zhurnal 13 no.10:754-764 '63.

1. Ustav jaderneho byzku, Ceskoslovenska akademie ved, Rez (for Juna and Konecny).
2. Slovenska vysoka skola technicka, Bratislava (for Horvath).

JUNA, J.; KONECNY, K.

On the occurrence of gamma radiation at the interaction of
deuterons and Li. Chekhosol fiz zhurnal 14 no.4:275-276
'64.

1. Nuclear Research Institute, Czechoslovak Academy of
Sciences, Rez.

STHEIBL, Milan; KONECNY, Karel

Simple apparatus for preparative gas chromatography.
Chem listy 58 no.5:580-583 My '64.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

L 7664-66 EWP(t)/EWP(b) DIAAP/LJP(c) JD/JG
ACCESSION NR: AP5005332

CZ/0055/05/015/002/0095/0099

66

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AUTHOR: Juna, J.; Konecny, K.

TITLE: Gamma radiation from interaction of deuterons with Li

19,65

47

B

SOURCE: Chekhslovatskiy fizicheskiy zhurnal, v. 15, no. 2, 1965, 95-99

TOPIC TAGS: gamma radiation, deuteron interaction, radiation

ABSTRACT: The purpose of the present paper is to explain the origin of γ -radiation by measuring the energy with a scintillation spectrometer with an NaI(Tl) crystal. From the measurements presented it follows that the γ -radiation accompanying the reaction $\text{Li}^7(\text{d},\text{n})\text{Be}^8$ from Li^7 has an energy of 478 keV and is produced by the deexcitation of Li^7 (478 keV). According to the measurements the hardest component of the γ -radiation originates in the process. The previously published 4.9 MeV line contradicts present-day knowledge of the level diagrams of the nuclei concerned. In addition, this line was measured using a method which is not concise from the present point of view (Al foil). The mechanism of excitation of the 478 keV level in Li can be of two types: either by $(\text{d},\text{d}'\gamma)$ reaction or by $(\text{n},\text{n}'\gamma)$ reaction. From the numerical estimation of the ratio of the γ -radiation

Card 1/2

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intensity to the neutron flux we assume that the (d,d') process is more probable. Verification will be carried out by experiment later. The authors are indebted to J. Jirous for the operation of the accelerator, M. Skopova for help during the measurements and K. Balada for technical help in the reconstruction of the spectrometer and during its operation. Orig. art. has: 4 figures.

ASSOCIATION: Institute of Nuclear Research, Czech Academy of Sciences, Rez

SUBMITTED: 09Sep64

ENCL: 00

SUB CODE: NP

NO REF SOV: 000

OTHER: 006

Card 2/2

KONECNY, Karel; STREIBL, Milan

Modifying the dosing device in the gas chromatograph chrom-1.
Chem listy 58 no.9:1102-1105 S '64.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak
Academy of Sciences, Prague.

JUNA, Jaromir; KONECNY, Klement

Gamma radiation from the interaction of S Li deuterons.
Jaderna energie 10 no.8:293 Ag '64.

1. Institute of Nuclear Research, Czechoslovak Academy of
Sciences, Rez.

JUNA, J.; KONECNY, K.

Gamma radiation from interaction of deuterons with Li. Chekhosl
fiz zhurnal 15 no.2:95-99 '65.

1. Institute of Nuclear Research of the Czechoslovak Academy
of Sciences, Rez. Submitted September 9, 1964.

SMAJSTRA, O.; KONECNY, L.; SKALA, M.

Removal of subsurface air holes in $AlMg_5$ alloy castings cast in
shell molds. Slevarenstvi ll. no. 6;244 Je '63.

l. Tatra, Koprivnice.

SKERIK, P.; ZEMAN, K.; KONECNY, L.

Laryngeal precancer. *Cesk. otolaryng.* 14 no.6:355-360. D '65.

1. Otolaryngologicka klinika fakulty všeobecného lekarství
Karlové University v Praze (prednosta prof. dr. K. Sedlacek)
a Otolaryngologické oddělení fakultní polikliniky v Praze 2
(vedoucí doc. dr. K. Zeman, CSc.).

KONECNY, L.

Partial resection of the auricle and its plastic repair in cancer.
Cesk. otolaryng. 14 no.6:361-366 D '65.

1. Otolaryngologic klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta prof. dr. K. Sedlacek).

KONECNY, L.

Partial surgery of the larynx in carcinoma. Cesk.otolar.9 no.6:
367-374 D '60.

1. Otolaryngologicka klinika lekarske fakulty University Karlovy
v Praze, prednosta akademik Antonin Precechtel.
(LARYNX neopl)

KONECHY, L.

Covering of postoperative facial defects by shifting and rotating
the skin. Cesk. otolaryng. 14 no. 2 113-118 Ap'65.

1. Otolaryngologicka klinika fakulty všeobecného lekařství
Karlovych University v Praze (prednosta: prof. dr. K. Sedlacek).

KONECNY, L.

Plastic repair of postoperative defects of the nasal orifice
and upper lip. Cesk. otolaryng. 12 no.2:99-104 Mr '63.

1. Otolaryngologicka klinika fakulty vseobecneho lekarstvi
KU v Praze, prednosta prof. dr. K. Sedlick.
(NOSE NEOPLASMS) (LIP NEOPLASMS)

ZATOCIL, Frantisek; TOMANEK, Rostislav; KONECNY, Lumir

Analysis of noise and recommendations for the prevention of
hearing disorders in shops housing ultracentrifuges. Prac.
lek. 14 no.3:136-138 Ap '62.

1. Otolaryngologicka laborator CSAV, vedouci akademik Antonin
Precechtel ORL klinika fakulty vseobecneho lekarstvi Karlovy
univeristy v Praze, prednosta prof. dr. Karel Sedlacek.
(DEAFNESS prev & control) (NOISE)
(OCCUPATIONAL DISEASES prev & control) (CENTRIFUGATION)

SVEJDA, Jaroslav; PAPOUSEK, F.; TOMASEK, V.; KONECNY, M.; KOTAS, J.

Histological changes in the lungs of rabbits following a single roentgen ~~irradiation~~ ^{irradiation}. Cesk. rentgenol. 15 no.4:217-223 '61.

1. I patologickonanatomicky ustav lek. fak. univ. J.E.Purkyne v Brne, prednosta prof. MUDr. Jaroslav Svejda Onkologicky ustav, Brno, reditel doc. dr J.Sprindrich.
(LUNG radiation eff.) (RADIATION EFFECTS exper.)

KABELA, M.; KONECNY, M.

Experiences with the method of graded filtration in the treatment of extensive skin and superficial malignant tumors. Cesk. rentgen. 18 no.1:49-53 Ja'64.

1. Onkologicky ustav KUNZ v Brne; reditelka: MUDr. D. Kadlecova, CSc.

*

UCHYTIL, B.; BZONEK, J.; MECHL, Z.; KONECNY, M.

Combined treatment of malignant tumors of the otolaryngological area with directed administration of cytostatics and roentgen irradiation. Cesk. otolaryng. 14 no.3:132-139 Je '65.

1. Klinika nemoci usnich, nosnich a krchnich lekarske fakulty University J.E. Purkyne v Brne (prednosta prof. dr. R. Hladky, DrSc.) a Onkologicky ustav v Brne (reditelka MUDr. D. Kadlecova, CSc.).

KONECNY, M.; MALIR, A.

Use of an oxygenated cushion in a single contact irradiation
of skin carcinoma. Cesk. rentgen. 18 no. 1:40-43 Ja '64.

1. Onkologicky ustav KUNZ v Brne; reditelka: MUDr. D. Kadlecova,
CSc.

SENDEL, Miroslav; KONCNY, Milan

Clinical manifestations & morphology of placenta increta totalis.
Cesk. gyn. 23[37] no.6:491-494 Aug 58.

1. I. nor. gyn. klinika MU v Brne, prednosta prof. dr. L. Havlasek
a hist.-embryol. ustanov MU v Brne, prednosta doc. dr. K. Mazanec.
M. S. Krenova 42, Brno.

(PLACENTA

increta totalis, clin. manifest. & morphol. (Cz))

KONECNY, Milan

SURNAME (in caps); Given Name

Country: Czechoslovakia

(S)

Academic Degrees: [not given]

Affiliation: Balneological Research Institute (Vyzkumný ustav balneologicky)
Prague; Director (Reditel) MUDr K Prerovsky

Source: Prague, Fysiatricky Vestnik, Vol XXXIX, No 3, June 1961,
pp 129-138

Date: "The Electrochemical Potential Produced by the Passage of
Galvanic Current Through Tissue."

• Authors:

IPSER, Josef

KONECNY, Milan

DASSOWITZOVÁ, Marie

754

KONECNY, MILAN

SURNAME, Given Names

(2)

Country: Czechoslovakia

Academic Degrees: not given

Affiliation: Physiatrics, Balneology and Climatology Research Institute /Vyzkumny ustav pro fyziatrii, balneologii a klimatologii/ Director /reditel/ K. PREROVSKY, MD

Source: Prague, Fysiatricky Vestnik, Vol 39, No 5, Oct 1961; pp 282-290

Prague

Data: "Skin as an Obstacle in Deep Galvanotherapy"

IPSER, Josef
KONECNY, Milan

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S/194/62/000/010/014/084
A154/A126

AUTHORS: Konečny, Miroslav, Yraný, Josef

TITLE: A device for discrete (stepwise) tape transport (shift)

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 10, 1962,
39 - 40, abstract 10-1-78u (Czech. pat., cl. 42g, 18; 42m, v. 14,
no. 98996, March 15, 1961)

TEXT: A patent is granted for a device for discrete tape transport, e.g., of perforated tape, for a digital computer. The device is distinguished by higher operating speed and simplicity of design. The essence of the invention (see Figure) consists in the use of an electromagnetic catch (10) serving to transport the tape (40) and brake its motion when the armature (11) is pulled up under the effect of current flowing in the winding (12). The tape is transported by means of the driving rollers (41) and (42) and the rigid pins (33), (33), between which rotates the journal (32), which is mounted on the lever (31) coupled with the driving axle (30) of the electric motor (not shown in the figure). The punch or printer (43) is placed before the tape transport mechanism. The

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A device for discrete (stepwise) tape

S/194/62/000/010/014/084
A154/A126

driving axle (30) is connected with the switch (34) which connects the current supply circuit (35) to the winding (12) of the electromagnet (10) depending on the position of the journal (32). When the journal (32) is in positions such as are shown in the figure, the tape (40) is bent, the circuit of the winding (12) is closed, and the tape (40) is squeezed between the core of the electromagnet (10) and its armature (11), so that tape is fed from the spool (45). Upon movement of the journal (32), the circuit of the winding (12) is broken and the tape (40) is transported. To ensure correct punching (or printing of symbols) on the tape (40) immediately after breaking of the circuit of the winding (12), the tape (40) is fed into the arrangement through a guide slit (44) which brakes it slightly (the tape braking force in the slit (44) is slightly less than the tractive force produced by the rollers (41) and (42)). In an alternative system for this arrangement there is instead of the slit (44) a braking electromagnet whose winding is cut-in through the switch (34) analogously to the one described.

I.P.

[Abstracter's note: Complete translation]

Card 2/3

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CZECHOSLOVAKIA

KONECNY, M; DORNAREK, J.

Chair of Radiology and Nuclear Medicine of the Medical Faculty UJEP (Katedra radiologie a nukleарni mediciny lekařské fakulty UJEP), Brno

Prague, Ceskoslovenska hygiena, No 5, 1963, pp 278-283

"Contribution to the Decontamination of Surfaces and Objects Contaminated with Ra226 and its Disintegration Products."

KONECYN, Milos

Remote metastases of cancer of the cervix uteri. Cesk. gyn. 21 no. 3:196-203 Apr 56.

1. Onkologicky ustat v Brne, reditel doc. dr. Jan Sprindrich.
(CERVIX, UTERINE, neoplasms,
metastases. (Cx))

KONECNY, Milos.
TOMAS, Jan, JUDr.; KONECNY, Milos, MUDr.

Combination of bronchography with tomography. Cesk. roentg. 11 no.1:
51-56 Mar 57.

1. Onkologicky ustanov v Brne, reeditel doc. Dr Jan Sprindrich.
(LUNG NEOPLASMS, diag.
bronchography with tomography (Cz))

KONEČNÝ Miles
EXCERPTA MEDICA Sec 16 Vol 6/10 Cancer Oct 58

4028. *Cancer of the oral cavity* KONEČNÝ M. and KABELA M. Oncol. Inst., Brno. *Ned. plasmá* 1958, 5/1 (91-94) Tables 1

The authors report on 146 patients with cancer of the oral cavity, hospitalized during the period from 1940 up to the end of 1950. This number was only 1.3% of all patients hospitalized for cancer. Only 63 patients admitted for cancer of the oral cavity could be treated radically; of these there were, after 5 years, 34.9% without signs and symptoms of the disease. Of the total number of patients admitted for cancer of the oral cavity only 15% have survived for five years. This is due to the fact that, at the time of admission of most of the patients, the disease was rather far-advanced, the majority of patients were of highly advanced age, and early metastases had occurred in many of the cases. The results are tabulated as follows:

	Cancer of the				Total
	floor of the mouth	gums	buccal mucosa	palate	
radically treated	23	12	12	16	63
free from symptoms for five years	9 (39.1%)	2 (16.6%)	5 (41.6%)	6 (37.5%)	22 (34.9%)

KABELA, Miroslav; KOMORNÝ, Milos

Potentially malignant tumors - diagnostic and therapeutic problems. Česk. rentg. 14 no.3:147-155 Je '60.

1. Onkologicky ustav v Brně, reditel doc. dr. Jan Sprindrich.
(NEOPLASMS radiogr.)

KONECNY, Milos

Some observations on early diagnosis of cancer of the bronchi.
Cesk. rentg. 15 no.6:370-377 '61.

1. Onkologicky ustanov v Brne. raditel doc. dr. Jan Sprindrich.
(CARCINOMA BRONCHIOGENIC diagnosis)

KONECNY, Milos

A device for roentgenological examination of the large intestine with a double contrast. Cesk. rentg. 15 no. 6:409-410 '61.

1. Onkologicky ustav v Brne, reditel doc. dr Jan Sprindrich.
(INTESTINE LARGE radiography) (RADIOGRAPHY equip. & supplies)

LUPINEK, Z.; PARMA, R.; KONECNY, M.; URBANEK, E.

Effect of chloroquine on the activity of the thyroid gland. Scr. med. fac. med. Brunensis 34 no.6:257-262 '61.

1. Katedra farmakologie lekarske fakulty university J. E. P. v Brne
Vedouci MUDr. Josef Sajner, C. Sc. Oddeleni nuklearni mediciny katedry
patologicke fysiologie lekarske fakulty university J. E. P. v Brne
Vedouci Doc. MUDr. Jaromir Vasku, C. Sc.

(THYROID GLAND pharmacol) (CHLOROQUINE pharmacol)

KONECNY, M.; MECHL, Z.

Combined treatment of cancer of the trachea with roentgen irradiation
and vitamin K. Cesk. rentgenol. 16 no.1:50-53 F '62.

1. Onkologicky ustav v Brne, reditel doc. dr. Jan Sprindrich.
(TRACHEA neoplasms) (RADIOTHERAPY)
(VITAMIN K therapy)

KONECNY, M.

Experimental study on radiosulfate uptake in the cat ovary.
Cesk. rentgen. 17 no.5:317-321 S '63.

1. Katedra radiologie a nuklearni mediciny lekarske fakulty
UJEBvP v Brne, vedouci prof. dr. J. Holý, DrSc.
(OVARY) (SULFUR ISOTOPES)
(RADIOAUTOGRAPHY) (MUCOPOLYSACCHARIDES)

KONECNY, M.; DOHNALEK, J.

Contribution to the decontamination of surfaces and objects
contaminated with Ra²²⁶ and its disintegration products.
Cesk. hyg. 8 no.5:278-284 Je '63.

1. Katedra radiologie a nukleарni mediciny lekarske fakulty
UJEvP v Brne.

(DECONTAMINATION) (RADIUM)
(RADIATION PROTECTION) (NITRATES)
(SAPONINS)

KONECNY, M.

Combined use of I-131 and I-132 in the functional and localiza-
tion diagnosis of thyroid gland diseases. Cesk. radiol. 19 no.3:
208-211 My '65

1. Katedra radiologie a nuklearni mediciny lekarske fakulty
University J.E.Purkyne v Brne (vedouci: prof. dr. Holý, DrSc.).

CZECHOSLOVAKIA

TEXL, A.; KONECNY, M.; Pharmacological Institute and Chair of Radiology and Nuclear Medicine, Medical Faculty, J. Ev. Purkyne University (Farmakologicky Ustav a Katedra Radiologie a Nuklearni Mediciny Lek. Fak. UJEvP), Brno.

"On the Hepatotoxic Effect of Acidum Tannicum."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 410

Abstract: The influence of tannic acid on the functioning of the liver was investigated with respect both to the dose and the manner in which it was administered. Experiments on rabbits showed that 500 mg/kg of tannin impaired the functioning of the liver after 1 and 2 days. Lower amounts of tannin did not have any effect. Amounts of 500 and 100 mg/kg resulted in a decrease in the glycogen content of the liver, reduction of the fat content, and ultimately in a parenchymal degeneration. 6 Western references. Submitted at 14 Days of Pharmacology at Smolenice, 16 Feb 66.

1/1

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000824220013-9"

Tentative treatment of bladder tumors by a combination of instillation of cytostatics and subsequent irradiation. Cesk. radiol. 20 no.1:21-24 Ja '66.

1. Onkologicky ustav v Brne (reditelka MUDr. D. Kadlecova, CSc.).

KONECNY, Otakar, inz.

Control of coal dust feeders for the burners of new Benson
boilers in the enterprise "Elektrarna 1.maje" in Trebechovice.
Energetika Cz 12 no.8421 Ag '62.

KONECNY, Otakar, inz.

Heating system for the town of Poruba. Energetika Cz 11
no.2:84 F '61.

KONECNY, Otakar, inz.

Economic aspects of various heating systems for residential districts. Energetika Cz 11 no.12:594-596 D '61.

KONECNY, Otakar, inz.

Rumbling of steam boilers. Energetika Cz 13 no.4:194-197 Ap '63.

1. Elektrosvrarna 1. maje, n.p., Trebovice.

KONECNY, Petr, inz.

Stability of the roof of a mined area under the conditions
that the trouble lines are logarithmic spirals. Sbor VSB
Ostrava 9 no.7:1061-1079 '63.

1. Higher School of Mining, Ostrava.